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(54) Title: PROCESS FOR THE PRODUCTION OF MULTI-LAYER COATINGS IN LIGHT METALLIC COLOR SHADES

(57) Abstract: A process producing multi-layer coatings in light metallic color shades, comprising the successive steps: (1) applying a 5 to 20 mm thick base coat layer to a pre-coated substrate, (2) applying a clear coat layer onto the base coat layer, (3) jointly curing the base coat and clear coat layers, wherein the base coat layer is applied from an unmodified water-borne metallic base coat having a ratio by weight of pigment to resin solids of 0.3:1 to 0.45:1, wherein the pigment content consists 60 to 100% by weight of at least one non-leafing aluminum pigment with a platelet thickness over 100 to 500 nm and 0 to 40% by weight of at least one pigment different from aluminum pigments, wherein the pigment(s) different from aluminum pigments are selected in such a way that the multi-layer coating obtained exhibits a brightness L* (according to CIEL*a*b*, DIN 6174), of at least 80 units.

WO 2006/036828 A1